The Ohio Public Works Commission
65 East State Street, Suite 312, Columbus, Ohio 43215 Phone (614) 466-0880

OHIO PUBLIC WORKS FOR YOU

APPLICATION FOR FINANCIAL ASSISTANCE

Revised 7/93 CB803

IMPORTANT: Applicant should consult the "Instructions for Completion of Project Application" for assistance in the proper completion of this form.

SUBDIVISION: Cincinnati CODE# 061-15000

DISTRICT NUMBER: 2 COUNTY: Hamilton DATE 09/24/93

CONTACT: Brian Pickering PHONE # (513) 352-2452

(THE PROJECT CONTACT PERSON SHOULD BE THE INDIVIDUAL WHO WILL BE AVAILABLE ON A DAY-TO-DAY BASIS DURING THE APPLICATION REVIEW AND SELECTION PROCESS AND WHO CAN BEST ANSWER OR COORDINATE THE RESPONSE TO QUESTIONS)

PROJECT NAME: North Bend Road Bridge Replacement over the Mill Creek

SUBDIVISION TYPE	FUNDING TYPE REQUESTED		PROJECT TYPE
(Check Only 1)	(Check All Requested & Enter Amount)		(Check Largest Component)
_1. County	x 1. Grant	$ 500,000	_1. Road
x 2. City	_2. Loan	$_____	x 2. Bridge/Culvert
_3. Township	_3. Loan Assistance	$_____	_3. Water Supply
_4. Village	MBE SET-ASIDE OFFERED		_4. Wastewater
_5. Water/Sanitary District	Construction	$_____	_5. Solid Waste
(Section 6119 O.R.C.)	Procurement	$_____	_6. Stormwater

TOTAL PROJECT COST:$ 2,000,000 FUNDING REQUESTED:$ 500,000

DISTRICT RECOMMENDATION

To be completed by the District Committee ONLY

GRANT: $ 500,000.00 LOAN ASSISTANCE: $_____

LOAN: $_____ %___TERM:_____yrs. (Attach Loan Supplement)

(Check Only 1)

X State Capical Improvement Program

__Local Transportation Improvements Program

__Small Government Program

DISTRICT MBE SET-ASIDE

Construction $_____

Procurement $_____

FOR OPWC USE ONLY

PROJECT NUMBER: C____/C____

Local Participation ___%

OPWC Participation ___%

Project Release Date: __/__/__

OPWC Approval: _____

APPROVED FUNDING:$_____

Loan Interest Rate: _____

Loan Term: _____years

Maturity Date: _____

Date Approved: __/__/__

1.0 PROJECT FINANCIAL INFORMATION

1.1 PROJECT ESTIMATED COSTS:
(Round to Nearest Dollar)

			MBE $	Force Account $
a.)	Project Engineering Costs:			
	1. Preliminary Engineering	$_____.00	_____	_____
	2. Final Design	$_____.00	_____	_____
	3. Other Engineer Services *	$_____.00	_____	_____
	Supervision	$_____.00		
	Miscellaneous	$_____.00		
b.)	Acquisition Expenses:			
	1. Land	$_____.00		
	2. Right-of-Way	$_____.00	_____	_____
c.)	Construction Costs:	$ 1,847,779.00	_____	
d.)	Equipment Purchased Directly:	$_____.00	_____	_____
e.)	Other Direct Expenses:	$_____.00	_____	
f.)	Contingencies:	$ 152,221.00		
g.)	TOTAL ESTIMATED COSTS:	$ 2,000,000.00		

1.2 PROJECT FINANCIAL RESOURCES:
(Round to Nearest Dollar and Percent)

				%
a.)	Local In-Kind Contributions	$_____.00		____
b.)	Local Public Revenues	$_____.00		____
c.)	Local Private Revenues	$_____.00		____
d.)	Other Public Revenues			
	1. ODOT PID# 4908	$ 1,500,000.00		75
	2. EPA/OWDA	$_____.00		____
	3. OTHER	$_____.00		____
SUB TOTAL LOCAL RESOURCES:			$ 1,500,000.00	75
e.)	OPWC Funds			
	1. Grant	$ 500,000.00		25
	2. Loan	$_____.00		____
	3. Loan Assistance	$_____.00		____
SUB TOTAL OPWC RESOURCES:			$ 500,000.00	25
f.)	TOTAL FINANCIAL RESOURCES:		$ 2,000,000.00	100%

*Other Engineer's Services must be outlined in detail on the required certified engineer's estimate.

1.3 AVAILABILITY OF LOCAL FUNDS:

Attach a summary from the Chief Financial Officer listed in section 5.2 listing all local share funds budgeted for the project and the date they are anticipated to be available.

2.0 PROJECT INFORMATION

IMPORTANT: If project is multi-jurisdictional, information must be consolidated in this section.

2.1 PROJECT NAME: North Bend Road Bridge Replacement over the Mill Creek

2.2 PROJECT DESCRIPTION - (Sections a through d):

a: SPECIFIC LOCATION:

North Bend Road Bridge over the Mill Creek, 820 feet west of Dillward Street.

PROJECT ZIP CODE: 45216

b: PROJECT COMPONENTS:

This project involves removing the existing bridge and replacing it with a two-span continuous steel beam bridge with a new reinforced concrete deck and substructure. Other replacement work includes the approach work, water main, storm sewers, curbs and sidewalks. One new pier will be constructed in the Mill Creek.

c: PHYSICAL DIMENSIONS / CHARACTERISTICS:

Existing length = 180'-0"
Existing width = 38'-0" (32'-0" curb to curb with two-3'-0" walks).
Proposed length = 173.68'
Proposed width = 48'-4" (36'-0" curb to curb with two-5'-0" walks).

d: DESIGN SERVICE CAPACITY:

IMPORTANT: Detail shall be included regarding current service capacity vs proposed service level. If road or bridge project, include ADT. If water or wastewater project, include both current residential rates based on monthly usage of 7,756 gallon per household. Attach current rate ordinance.

The existing two lane bridge will be replaced with a three lane bridge. The proposed bridge will consist of two through lanes and a turn lane. The proposed bridge is adequate to handle all future traffic. The existing roadway alignment will be corrected with improved horizontal and vertical curves.

1991 ADT = 9467 vehicles/day

2.3 USEFUL LIFE / COST ESTIMATE: Project Useful Life: 30 Years.

Attach Registered Professional Engineer's statement, with original seal and signature certifying the project's useful life indicated above and estimated cost.

3.0 REPAIR/REPLACEMENT or NEW/EXPANSION:

TOTAL PORTION OF PROJECT REPAIR/REPLACEMENT	$ 2,000,000	100%
State Funds Requested for Repair and Replacement	$ 500,000	25%
TOTAL PORTION OF PROJECT NEW/EXPANSION	$	%
State Funds Requested for New and Expansion	$	%

4.0 PROJECT SCHEDULE:*

		BEGIN DATE	END DATE
4.1	Engineering/Design:	1/1/90	9/1/93
4.2	Bid Advertisement:	4/1/94	5/1/94
4.3	Construction:	7/1/94	3/1/95

* Failure to meet project schedule may result in termination of agreement for approved projects. Modification of dates must be approved in writing by the Commission once the Project Agreement has been executed. Dates should assume project agreement approval/release on July 1st. of the Program Year applied for.

5.0 APPLICANT INFORMATION:

5.1	CHIEF EXECUTIVE OFFICER	John Shirey
	TITLE	City Manager
	STREET	Room 152, City Hall 801 Plum Street
	CITY/ZIP	Cincinnati, Ohio 45202
	PHONE	(513) 352 - 3241
	FAX	( ) -
5.2	CHIEF FINANCIAL OFFICER	Frank A. Dawson
	TITLE	Director of Finance
	STREET	Room 250, City Hall 801 Plum Street
	CITY/ZIP	Cincinnati, Ohio 45202
	PHONE	(513) 352 - 3731
	FAX	( ) -
5.3	PROJECT MANAGER	Brian Pickering, P.E.
	TITLE	Supervising Engineer
	STREET	Room 410, City Hall 801 Plum Street
	CITY/ZIP	Cincinnati, Ohio 45202
	PHONE	(513) 352 - 2452
	FAX	(513) 352 - 1581

6.0 ATTACHMENTS/COMPLETENESS REVIEW:

Check each section below, confirming that all required information is included in this application.

__X__ A certified copy of the legislation by the governing body of the applicant authorizing a designated official to submit this application and execute contracts. (Attach)

__X__ A summary from the applicant's Chief Financial Officer listing all local share funds budgeted for the project and the date they are anticipated to be available. (Attach)

__X__ A registered professional engineer's estimate of projects useful life and cost estimate, as required in 164-1-14 and 164-1-16 of the Ohio Administrative Code. Estimates shall contain engineer's original seal and signature. (Attach)

__N/A__ A copy of the cooperation agreement(s) if this project involves more than one subdivision or district.(Attach)

__X__ Capital Improvements Report: (Required by 164 O.R.C. on standard form)
___A: Attached.
__X__ B: Report/Update Filed with the Commission within the last twelve months.

__*__ Floodplain Management Permit: Required if project is in 100 year floodplain. See Instructions.
*Coordinated with Army Corp of Engineers.

__X__ Supporting Documentation: Materials such as additional project description, photographs, economic impact (temporary and/or full time jobs likely to be created as a result of the project), and other information to assist your district committee in ranking your project.

7.0 APPLICANT CERTIFICATION:

The undersigned certifies that: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission; (2) that to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (3) that all official documents and commitments of the applicant that are part of this application have been duly authorized by the governing body of the applicant; and, (4) should the requested financial assistance be provided, that in the execution of this project, the applicant will comply with all assurances required by Ohio Law, including those involving minority business utilization, Buy Ohio, and prevailing wages.

IMPORTANT:Applicant certifies that physical construction on the project as defined in the application has NOT begun, and will not begin until a Project Agreement on this project has been executed with the Ohio Public Works Commission. Action to the contrary will result in termination of the agreement and withdrawal of Ohio Public Works Commission funding of the project.

Frank A. Dawson, Acting City Manager
Certifying Representative (Type or Print Name and Title)

Signature/Date Signed

City of Cincinnati

Department of Public Works
Division of Engineering

Room 440, City Hall
801 Plum Street
Cincinnati, Ohio 45202

John Hamner
Director

Prem Garg, P.E.
City Engineer

September 24, 1993

SUBJECT: NORTH BEND ROAD BRIDGE REPLACEMENT OVER THE MILL CREEK - CERTIFICATION OF USEFUL LIFE OF ISSUE II OPWC PROJECTS

As required by Chapter 164-1-13 of the Ohio Administrative Code, I hereby certify that the design useful life of the subject bridge replacement project is at least thirty (30) years.

for Prem Garg, P.E., City Engineer
City of Cincinnati

STATE OF OHIO
PREM
K.
GARG
39840
REGISTERED
PROFESSIONAL ENGINEER

NORTH BEND ROAD BRIDGE OVER THE MILL CREEK

SCOPE

For furnishing all the materials, labor and equipment and performing all work necessary to complete the replacement of the North Bend Road Bridge over the Mill Creek in accordance with the Plans, Specifications, and as directed by the Engineer.

QUANTITIES

It is understood that the quantities are approximate only and in no way shall govern the amount required during the contract period. The estimated quantities indicated will be used solely for the purpose of making a tabulation of the bids.

Where LUMP SUM is indicated, insert the complete price for Labor and Materials for performing all work under the Item. Where UNITS are shown, insert the price PER UNIT for Labor and for Materials.

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATED QUANTITIES		LABOR & MATERIALS	TOTAL
1	103	Contract Bond	Lump	Sum	16,000	16,000
2	201	Clearing and Grubbing	Lump	Sum	4,000	4,000
3	202	Wearing Course Removed	120	Sq. Yd.	8	960
4	202	Pipe Removed, 24" and under	827	Lin. Ft.	20	16,540
5	202	Pipe Removed over 24"	43	Lin. Ft.	25	1,075
6	202	Guardrail Removed	188	Lin. Ft.	10	1,880
7	202	Manhole Removed	3	Each	150	450
8	202	Inlet Removed	3	Each	200	600
9	202	Manhole Abandoned, as per plan	1	Each	100	100
10	202	Structure Removed	Lump	Sum	120000	120,000
11	203	Excavation not including Embankment Construction	4758	Cu. Yd.	8.5	40,443
12	203	Embankment	1573	Cu. Yd.	14	22,022
13	203	Embankment using Granular Material	1490	Cu. Yd.	15	22,350
14	203	Subgrade Compaction	2263	Sq. Yd.	1	2,263
15	606	Guardrail, Type 5	306	Lin. Ft.	20	6,120
16	606	Anchor Assembly, Type A	3	Each	700	2,100
17	606	Anchor Assembly, Type T	1	Each	700	700
18	606	Bridge Terminal Assembly, Type 1	4	Each	700	2,800
19	608	5" Concrete Walk	2372	Sq. Ft.	3.5	8,302

NORTH BEND ROAD BRIDGE OVER THE MILL CREEK

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATED QUANTITIES		LABOR & MATERIALS	TOTAL
20	608	9" Concrete Walk, as per plan	300	Sq. Ft.	7.5	2,250
21	616	Water	50	M.Gal.	100	5,000
22	616	Calcium Chloride	25	Tons	20	500
23	207	Straw or hay bales	125	Each	10	1,250
24	601	Paved Gutter, Type 1-2	88	Lin. Ft.	20	1,760
25	601	Concrete Slope Protection, (As per plan)	565	Sq. Yd.	50	28,250
26	659	Seeding and Mulching	1708	Sq. Yd.	1.2	2,050
27	659	Commercial Fertilizer	0.17	Tons	1200	204
28	659	Water	4	M.Gal.	125	500
29	660	Sodding	193	Sq. Yd.	10	1,930
30	602	Concrete Masonry	28	Cu. Yd.	300	8,400
31	603	8" Conduit, Type B, 706.02, as per plan w/ 706.11 Joints	45	Lin. Ft.	40	1,800
32	603	12" Conduit, Type B, 706.02, 1000 D-Load	130	Lin. Ft.	50	6,500
33	603	12" Conduit, Type C, 706.02 Class IV, (as per plan)	347	Lin. Ft.	60	20,820
34	603	12" Conduit, D.I.P. Class 56 w/Push on Joints, (as per plan)	245	Lin. Ft.	60	14,700
35	603	36" Conduit, Type C, 706.02 1000 D-Load	48	Lin. Ft.	125	6,000
36	604	Inlet, Misc.: Type DGI	1	Each	2000	2,000
37	604	Inlet, Misc.: Type C.I.M.H	3	Each	1000	3,000
38	604	Inlet, Misc.: Type C.I.	2	Each	1000	2,000
39	604	Manhole, Misc.: Type S	6	Each	1800	10,800
40	604	Manhole, Misc.: Type A or P	2	Each	2000	4,000
41	605	6" Deep Pipe Underdrain, (707.15)	1302	Lin. Ft.	15	19,530
42	310	Subbase, Type II, (as per plan)	378	Cu. Yd.	30	11,340
43	404	Asphalt Concrete, AC-20	5	Cu. Yd.	100	500
44	451	9" Reinforced Concrete Pavement	2098	Sq. Yd.	40	83,920
45	452	7" Plain Concrete Pavement	235	Sq. Yd.	35	8,225
46	609	Curb, Misc.: Type P-1	2446	Lin. Ft.	12	29,352
47	611	Reinforced Concrete Approach Slab (T=13") (as per plan)	167	Sq. Yd.	90	15,030
48	614	Temporary Center Line, Class I	898	Lin. Ft.	1	898
49	614	Temporary Edge Line, Class I	1743	Lin. Ft.	1	1,743
50	630	Sign, Flat Sheet	67	Sq. Ft.	16	1,072

NORTH BEND ROAD BRIDGE OVER THE MILL CREEK

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATED QUANTITIES		LABOR & MATERIALS	TOTAL
51	630	Ground Mounted Support, No. 2 Post	63	Lin. Ft.	10	630
52	630	Sign Support Assembly, Pole Mounted	7	Each	50	350
53	630	Removal of Ground Mounted Sign and Storage	5	Each	50	250
54	642	Channelizing Line, Type 2	165	Lin. Ft.	3	495
55	642	Edge Line, Type 2	0.33	Mile	1200	396
56	642	Center Line, Type 2	0.17	Mile	1200	204
57	642	Transverse Line, Type 2	84	Lin. Ft.	3	252
58	644	Word on Pavement, 72"	1	Each	200	200
59	644	Lane Arrow	4	Each	175	700
60	614	Maintaining Traffic	Lump	Sum	5000	5,000
61	619	Field Office, Type A	Lump	Sum	5000	5,000
62	623	Construction Layout Stakes	Lump	Sum	3000	3,000
63	624	Mobilization	Lump	Sum	10000	10,000
64	202	Structures Removed	Lump	Sum	120000	120,000
65	503	Cofferdams, Cribs and Sheeting	Lump	Sum	50000	50,000
66	503	Unclassified Excavation	337	Cu. Yd.	18	6,066
67	505	Pile Driving Equipment Mobilization	Lump	Sum	10000	10,000
68	507	12" Dia. Cast-in-place Reinforced Concrete Piles, (as per plan)	1920	Lin. Ft.	19	36,480
69	509	Epoxy Coated Reinforcing Steel, Grade 60	110829	Lbs.	0.50	55,415
70	511	Class S Concrete, Superstructure, as per plan	291	Cu. Yd.	3.25	946
71	511	Class S Concrete, Superstructure, (Using Shrinkage Compensating Cement)(See Proposal Note)	291	Cu. Yd.	325	94,575
72	511	Class S Concrete, Superstructure, (Using Shrinkage Compensating Cement for pre-pour testing) (See Proposal Note)	Lump	Sum	5000	5,000
73	511	Class C Concrete, Pier above Footing	70		150	10,500
74	511	Class C Concrete, Abutment Above Footing	122	Cu. Yd.	325	39,650
75	511	Class C Concrete, Footing	166	Cu. Yd.	150	24,900
76	512	Type A Waterproofing	16	Sq. Yd.	15	240

NORTH BEND ROAD BRIDGE OVER THE MILL CREEK

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATED QUANTITIES		LABOR & MATERIALS	TOTAL
77	Spec.	Sealing of Concrete Surfaces (See Proposal Note)	708	Sq. Yd.	6	4,248
78	Spec.	Sealing of Concrete Surfaces (Non-Epoxy)(See Proposal Note)	156	Sq. Yd.	6.5	1,014
79	Spec.	Sealing of Concrete Surfaces (Non-Epoxy)(See Proposal Note) (For Roadway Wearing Surfaces Only)	679	Sq. Yd.	6.5	4,414
80	513	Structural Steel, A572-50 AISC Category I	298700	Lbs.	0.67	200,129
81	513	Welded Stud Shear Connector	2460	Each	1.20	2,952
82	Spec.	Field Painting of New Structural Steel, System IZEU (See Proposal Note)	298700	Lbs.	0.12	35,844
83	516	Structural Expansion Joint including Elastomeric Strip Seal	96	Lin. Ft.	200	19,200
84	516	Elastomeric Bearing with Internal Laminates and Load Plate (Neoprene), As per Plan (1 15/16" x 10" x 14" Lam. Pad)	12	Each	500	6,000
85	516	Elastomeric Bearing with Internal Laminates and Load Plate (Neoprene), As per Plan (1 3/8" x 15" x 20" Lam. Pad)	6	Each	1000	6,000
86	517	Railing (Concrete Parapet W/Double Pipe Rail)	408	Lin. Ft.	85	34,680
87	518	Scuppers, Including Supports	12	Each	250	3,000
88	518	Porous Backfill, with Filter Fabric	86	Cu. Yd.	50	4,300
89	518	6" Perforated Helical Corrugated Steel Pipe, 707.01	111	Lin. Ft.	12	1,332
90	518	6" Non-perforated Helical Corr. Steel Pipe, Incl. Specials, 707.01	54	Lin. Ft.	12	648
91	601	Rock Channel Protection, Type A with Filter Fabric	1238	Cu. Yd.	20	24,760
92	Spec.	Furnishing and laying 6" Ductile Iron Pipe and Fittings	136	Lin. Ft.	400	54,400
93	Spec.	Furnishing and laying 8" Ductile Iron Pipe and Fittings	933	Lin. Ft.	400	373,200
94	Spec.	Hauling Water Work Material	1	Ton	2000	2,000

NORTH BEND ROAD BRIDGE OVER THE MILL CREEK

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATED QUANTITIES		LABOR & MATERIALS	TOTAL
95	Spec.	Concrete Class C	48	Cu. Yd.	150	7,200
96	Spec.	Furnishing and Installing Fire Hydrant	3	Each	1000	3,000
97	Spec.	Removing Fire Hydrant	2	Each	500	1,000
98	Spec.	Furnishing and Installing Fire Hydrant Extension (6" Long)	1	Each	300	300
99	Spec.	Furnishing and Installing Fire Hydrant Extension (12" Long)	1	Each	300	300
100	Spec.	Furnishing and Installing Fire Hydrant Extension (18" Long)	1	Each	300	300
101	Spec.	Furnishing and Installing Valve Box, Complete	3	Each	300	900
102	Spec.	Additional Excavation	30	Cu. Yd.	25	750
103	Spec.	Exploratory Excavation	30	Cu. Yd.	25	750
104	Spec.	Filling Abandoned Water Work Structures	10	Cu. Yd.	20	200
105	Spec.	Changing 8 inch and under Pipe Sewer	20	Lin. Ft.	30	600
106	Spec.	Changing 10 inch thru 24 inch Pipe Sewer	20	Lin. Ft.	50	1,000
107	Spec.	Furnishing and Installing Fire Branch Meter Pit with Dual Service Branch Setting, Complete	1	Each	1000	1,000
108	509	Reinforcing Steel, Grade 60	6482	Lbs.	1	6,482
109	814	Sheeting and Bracing ordered left in place	2	M.F.B.M.	800	1,600

Unofficial Total = 1,847,779
Contingencies = 152,221

TOTAL = 2,000,000

Prem Garg, P.E.
City Engineer
City of Cincinnati

City of Cincinnati

Department of Finance

Room 250, City Hall
801 Plum Street
Cincinnati, Ohio 45202

J. L. Andreyko
Director

October 1, 1993

Laurence Bicking, Director
Ohio Public Works Commission
65 East State Street
Suite 312
Columbus, Ohio 43215

Re: Status of Funds for Local Share of 1994 SCIP/LTIP Program

Dear Mr. Bicking:

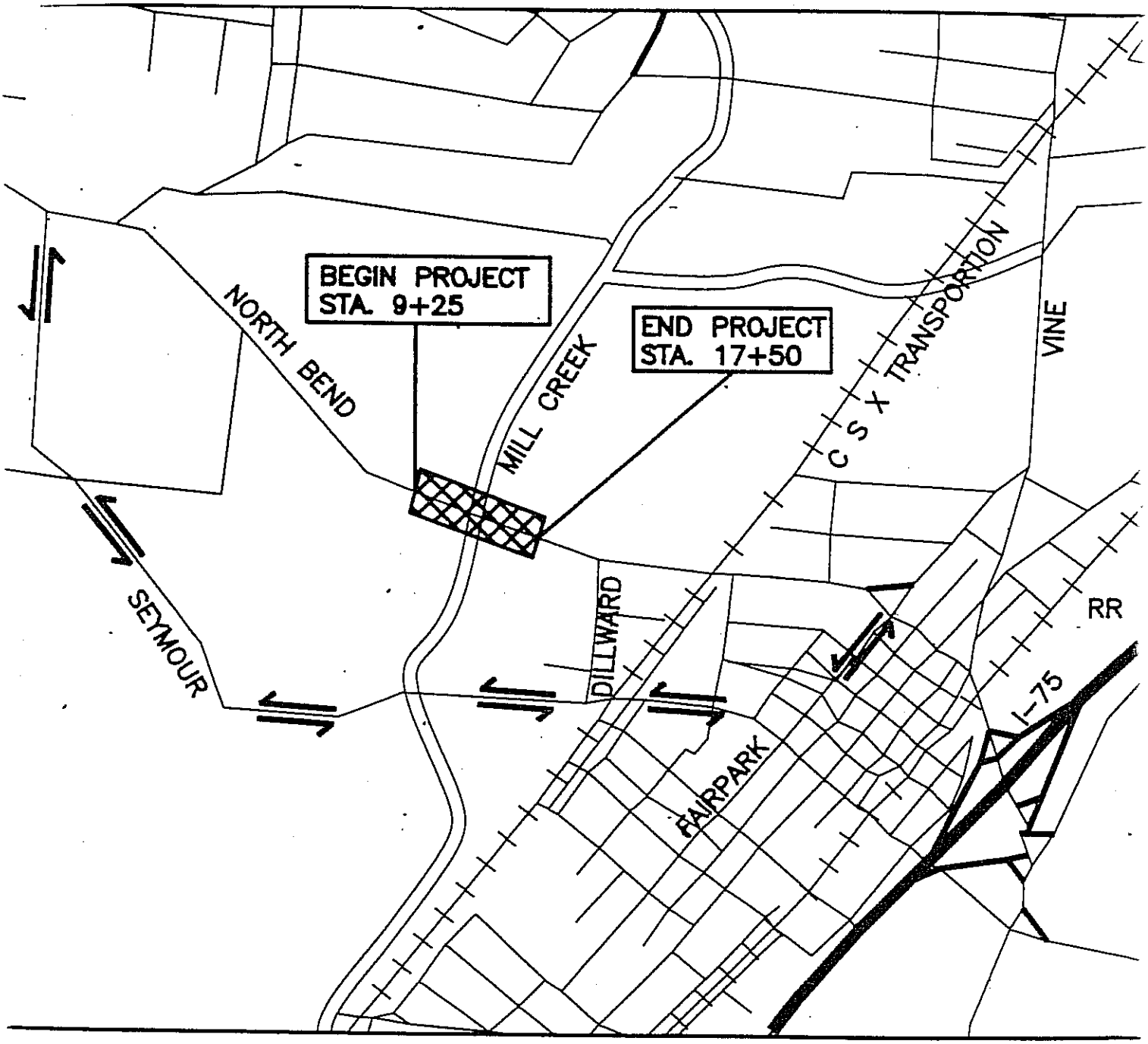
The local matching share for the 1994 SCIP/LTIP Projects (Round 8 Funding) is recommended by the City Manager for funding in the City's 1994 Capital Improvement Program. The funds are coming from Street Improvement Bonds which are scheduled for sale in the early part of 1994.

If you have any questions or need additional information, please contact this office.

Sincerely,

J. L. Andreyko
Acting Director of Finance

NORTH BEND ROAD BRIDGE REPLACEMENT OVER THE MILL CREEK



LOCATION MAP

0 1000 2000 3000

STATE OF OHIO DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

BRIDGE INSPECTION REPORT

BR-86 REV. 04-89

3 1 3 7 1 2 0 — STRUCTURE FILE NUMBER 7

BRIDGE NUMBER HAM (CO) 01F04 (ROUTE) 0071 (UNIT) — YEAR BUILT 1200

DISTRICT 08 — BRIDGE TYPE 121 — TYPE SERVICE 155 — NORTH BEND ROAD BRIDGE OVER MILL CREEK

Item	COND	Item	COND
1 FLOOR: Exc. water sat., cracks, efflor and spalling with exp. corr. reinf. 8	3	2 WEARING SURFACE: Exten. random cracking, w/ spalls and gen. uneven riding surface; exten. asphalt deter. 40	4
3 CURBS,SIDWLKS/WLK WAYS: Exten. surface spalling and conc deter.; debris and weeds along curbs. 9	4	4 MEDIAN: 41	
5 RAILING: Exten. conc. deter. and spalling. 10	3	6 DRAINAGE: No inlets on structure. 42	
7 EXPANSION JOINTS: Trapped debris has forced exp. jt. ope asphalt overlayed. 11	4	8 DECK SUMMARY: 43	3
9 STR.ALIGNMENT: Shifted approx. 6" out of horiz. at both pier, slight shift at center pier. 12	4	10 BEAMS/GIRDERS/SLAB: Cracks; efflor.; spalls and overall conc. deter.; part. both at fascia & curb beams. & at 44	3
11 DIAPHRAGMS/CROSSFRAMES: Cracks; efflor.; and overall concrete deterioration. 13	3	pier bearing locations, exp. rusting tension reinf. 45	
13 FLOOR BEAMS: 14		14 FLOOR BEAM CONNECTIONS: 46	
15 : RECOMMENDED MAINTENANCE & REPAIRS: 1) Schedule bridge for replacement. 2) Remove flow 15		16 : 47	
debris from in front of piers and channel. 3) Fill scour at front of center and W. pier. 4) Consider installation 16		18 SCOUR: 3'-5' of scour in front of center and W. piers; was not able to probe full length of either W. face of 48	
of approach guardrail to prevent direct bridge rail impact. 5) Remove debris and weeds from walks and gutters. 17		center pier or E. face of W. pier due to water height. Last 1988 underwater inspection noted scour but no 49	
18		undermine (piles assumed in rating). 50	
23 : 19		24 BEARING DEVICES: Exten. conc. deter. at bearing, part bad at fascia beams; bearing undermine at N&S end, center 51	3
25 ARCH: 20		pier & at S.E. abutment. 52	
27 SPANDREL WALLS: 21		28 PAINT (YEAR/CONDITION): 53	
29 PINS/HANGERS/HINGES: 22		30 FAT/PRONE CONNECTIONS: 56	
31 LIVE LOAD RESPONSE: 23	5	32 SUPERSTRUCTURE SUMMARY: Could not locate plans; redundant; not fatigue prone. 57	3
33 ABUTMENTS: Seepage, vert. cracks and efflor. 24	2	34 ABUTMENT SEATS: Seepage; spalls and conc. deter. at beam bearing location; beam undermine at SE. 58	3
35 PIERS: Seepage; exc. flow debris accum. exten. conc. deter.; cracking; approx. 10' soil differential at E. pier. 25	3	36 PIER SEATS: Heavy spalling w/conc. deter. & exp. rienf.; beams undermined at N&S end of center pier; seepage. 59	4
37 BACKWALLS: Cracks, efflor, diag. cracks at SW corner. 26	3	38 WINGWALLS: Large spall (missing corner) at SE by abutment; extensive concrete deterioration. 60	3
39 FENDERS AND DOLPHINS: 27		40 SUB.SCOUR: SEE ABOVE 61 — 2	3
41 : Inspection satisfies AASHTO Manual for Maintenance Inspection of Bridges, "Routine Inspection" requirements. 28		42 SUBSTRUCTURE SUMMARY: Old timber piling exp. @ W. 63	3
43 GENERAL: 29		44 CUL.ALIGNMENT: 64	
45 SHAPE: 30		46 SEAMS: 65	
47 HEADWALLS OR ENDWALLS: 31		48 CUL.SCOUR: 66	
49 : All main structural members were not inspected at an "arms reach" distance. 32		50 CULVERTS SUMMARY: 67	
51 CHA.ALIGNMENT: Flow pushed west. 33	3	52 PROTECTION: None provided. 68	
53 WATERWAY ADEQUACY: Scour at W. pier; exc. flow debris accumulated at W. and Cent. piers. 34	2	54 CHANNEL SUMMARY: Soil buildup on E. side of E. pier. 69	4
55 PAVEMENT: Cracks; settlement; general deterioration. 35	2	56 APPROACH SLABS: Settlement off both approach slabs; asphalt overlayed. 70	3
57 GUARDRAIL: None provided. 36		58 RELIEF JOINTS: None apparent. 71	
59 EMBANKMENT: Erosion, settlement. 37	3	60 APPROACHES SUMMARY: 72	4
61 NAVIGATION LIGHTS: 38		62 WARNING SIGNS: 73	
63 VERTICAL CLEARANCE: 39	N	64 GEN/APPRAIS/OPERATIONS: 74 — COND 3, STAT A	

65. INSPECTED BY [signature] P.E. — SIGNED — 76 INITIALS: C N

66. REVIEWED BY — SIGNED — 78 INITIALS

CHRISTIAN N. NYBERG, P.E.
COUNTY #44
COUNTY INSP. RESP.
COUNTY MAINT. RESP.

DATE (80–85): 1 2 0 4 9 2

67. SURVEY (86–93): 0 0 0 0 1 N N N

DATE (94–99):

DOT 2852
COC (Rev 11/91)

COUNCIL OF THE CITY OF CINCINNATI

STATE OF OHIO

OFFICE OF THE CLERK OF COUNCIL

I HEREBY CERTIFY that the foregoing transcript is correctly copied from the books, papers and journals of the City of Cincinnati, State of Ohio, kept under authority and by the direction of the Council thereof.

ORDINANCE 0421-1993 passed by council in the City of Cincinnati in session on November 24, 1993 entitled:

ORDINANCE submitted by John Hamner, Director of Public Works, authorizing the City Manager to apply for and accept street rehabilitation, street improvement, bridge rehabiitaiton and bridge replacement project funding grants from the State of Ohio, Ohio Public Works Commission, in the approximate amount of $9,163,000, and to execute any agreements necessary for the receipt and administration of said grants.

IN TESTIMONY WHEREOF I have

hereunto set my name and affixed

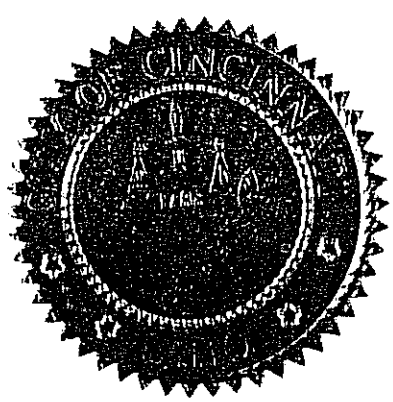
the seal of the Clerk of Councils

Office this 21st day of

December in the year Nineteen

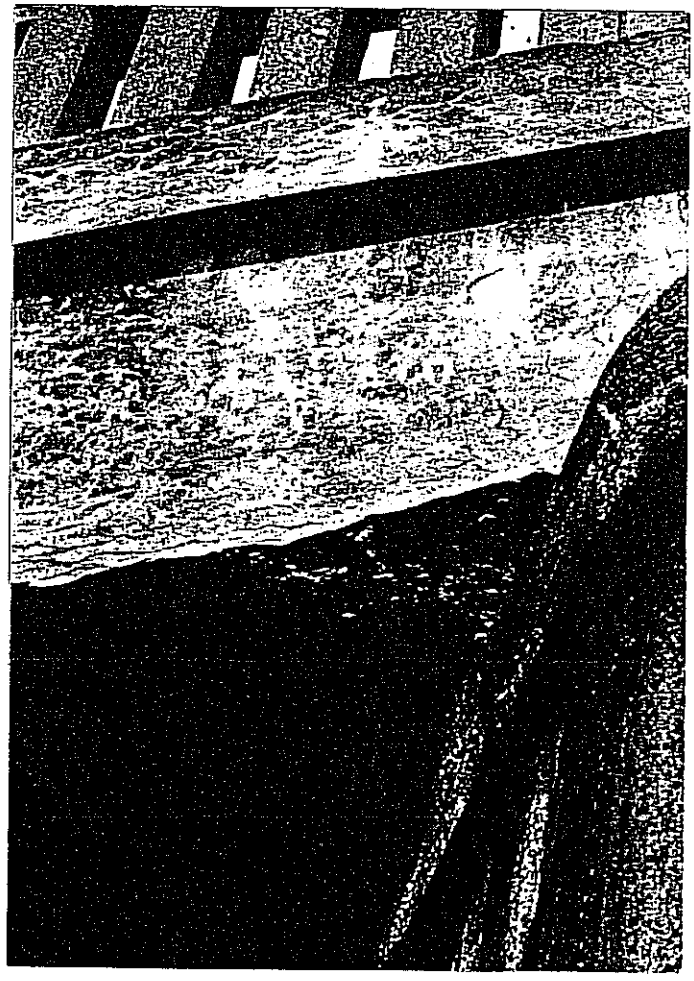
Hundred and Ninety Three.

SANDY L. SHERMAN, CMC
Clerk of Council



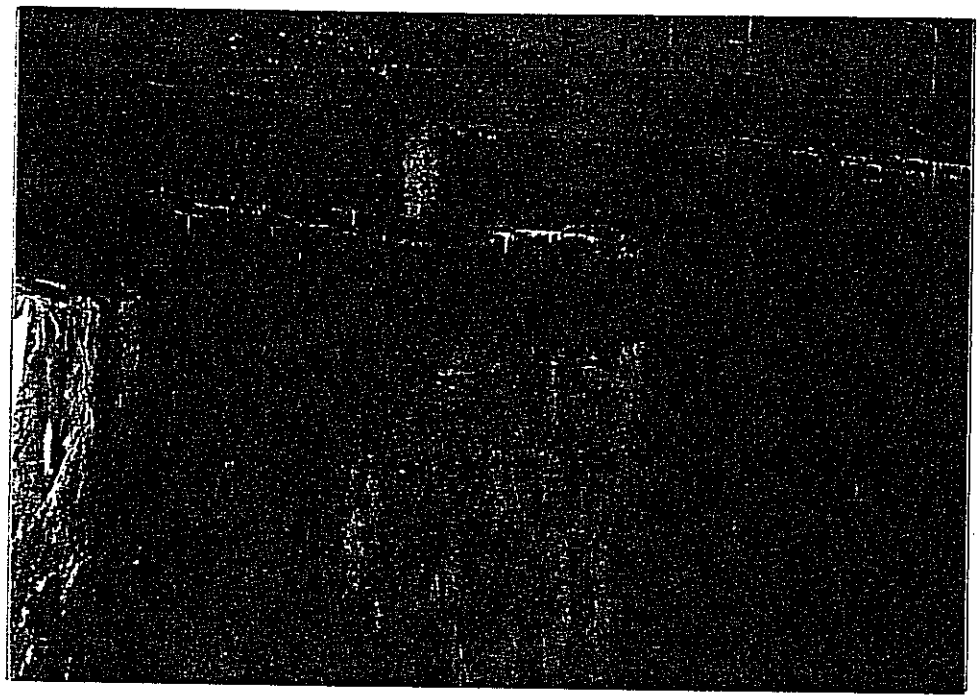
NORTH BEND ROAD BRIDGE OVER THE MILL CREEK

Bridge superstructure has shifted, Railing is offset.

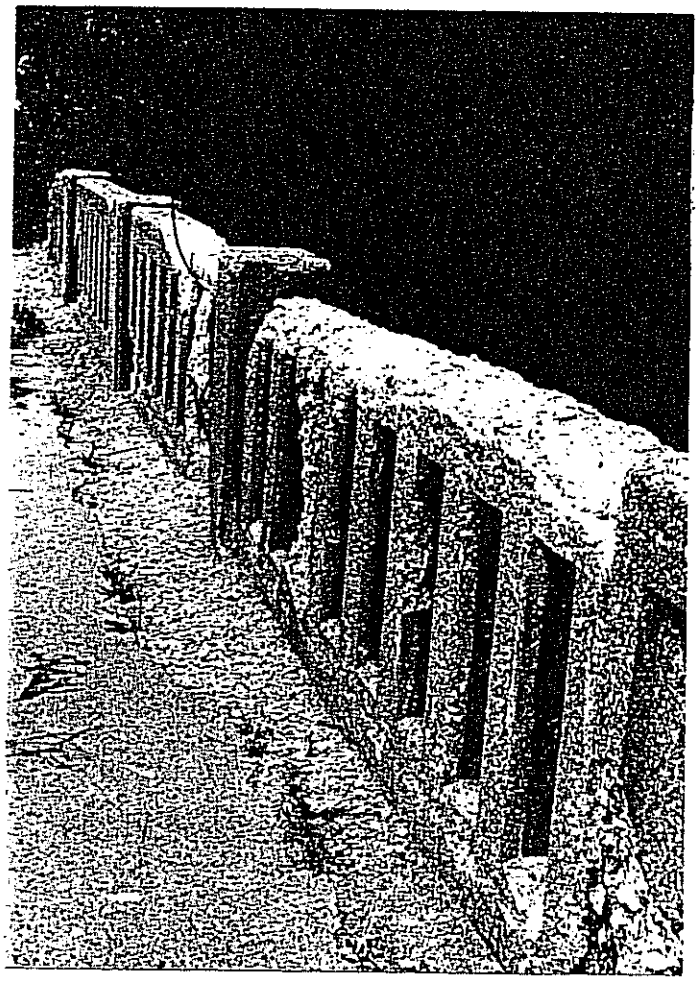


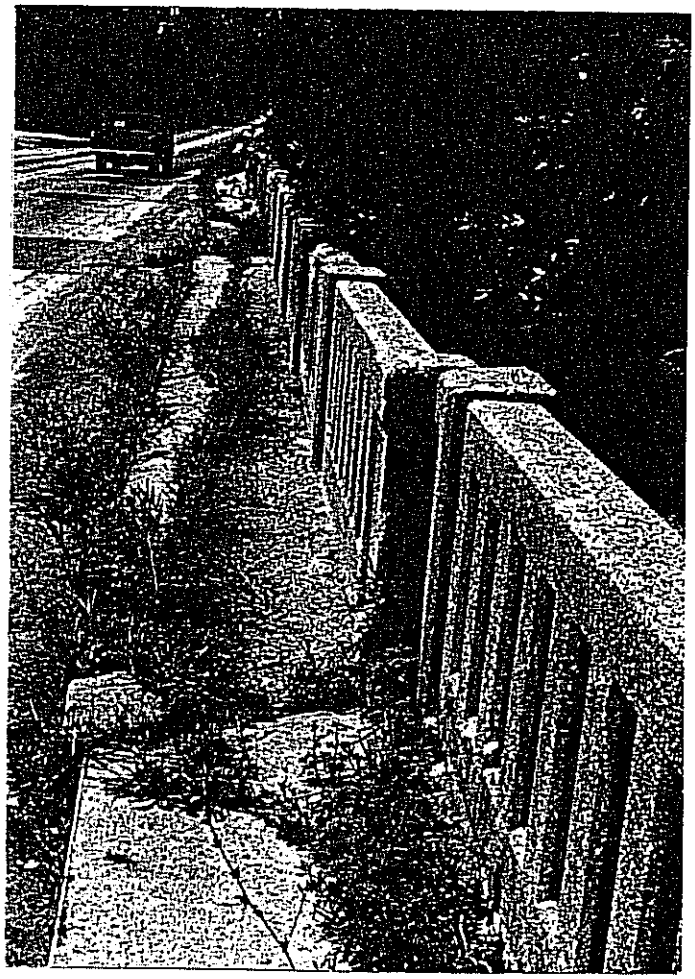
Delaminated and spalled concrete on bottom of Beam and Pier.

NORTH BEND ROAD BRIDGE OVER THE MILL CREEK



Delaminated concrete at bottom of beams and face of Abutment.





Disintegrated concrete and vegetation on Walk and Railing

STATE CAPITAL IMPROVEMENT PROGRAM

LOCAL TRANSPORTATION IMPROVEMENT PROGRAM

ROUND NO. 8

PROGAM YEAR 1994 PROJECT SELECTION CRITERIA - JULY 1, 1994 TO JUNE 30, 1995

ADOPTED BY THE DISTRICT 2 INTEGRATING COMMITTEE

JULY 16, 1993

JURISDICTION/AGENCY: City of Carmel

NAME OF PROJECT: W. Carmel Br. Project

TOTAL POINTS FOR THIS PROJECT: 60

NO. POINTS

10 1) If SCIP/LTIP Funds are granted, when would the construction contract be awarded? (The Support Staff will assign points based on engineering experience.)

10 Points - Will be under contract by December 31, 1994

5 Points - Will be under contract by March 30, 1995

0 Points - Will not be under contract by March 30, 1995

20 2) What is the condition of the infrastructure to be replaced or repaired? For bridges, base condition on latest general appraisal and condition rating.

20 Points - Poor Condition
16 Points -
12 Points - Fair to Poor Condition
8 Points -
4 Points - Fair Condition

NOTE: If the infrastructure is in "good" or better condition it will NOT be considered for SCIP/LTIP funding, unless it is a betterment project that will improve serviceability.

City of Cincinnati

An Ordinance No. 421

J.S.G.

1993

AUTHORIZING the City Manager to apply for and accept street rehabilitation, street improvement, bridge rehabilitation and bridge replacement project funding grants from the State of Ohio, Ohio Public Works Commission, in the approximate amount of $9,163,000, and to execute any agreements necessary for the receipt and administration of said grants.

WHEREAS, the State Capital Improvement Program and Local Transportation Improvement Program provide for infrastructure funding; and

WHEREAS, the District 2 Integrating Committee is accepting applications for projects within Hamilton County, the State of Ohio; and

WHEREAS, the City of Cincinnati has the required $4,199,000 in matching funds for 1994, for fifteen (15) street rehabilitation projects; namely Anderson Ferry Road, Crawford Road, Dalton Street, Daly Road, West Eighth Street, Elberon Avenue, Freeman Avenue, Gest Street, Linn Street, Madison Road, Mehring Way, Pete Rose Way, Plainville Road and Reading Road; and five (5) street improvement projects; namely North Crescent Avenue, North Bend Road, Vine Street at Forest/Woolper Intersection, Woodford Road and Werk Road; and two (2) bridge replacement projects; namely Dreman Avenue over West Fork Channel and North Bend Road over Millcreek; and one (1) bridge rehabilitation project; namely Beekman Street over Millcreek; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That the City Manager is hereby authorized to execute and file applications, on behalf of the City of Cincinnati, with the Ohio Public Works Commission through the Hamilton County District 2 Integrating Committee, for grants, in the approximate amount of $9,163,000 for funding fifteen (15) street rehabilitation

projects; namely Anderson Ferry Road, Crawford Road, Dalton Street, Daly Road, West Eighth Street, Elberon Avenue, Freeman Avenue, Gest Street, Linn Street, Madison Road, Mehring Way, Pete Rose Way, Plainville Road and Reading Road; and five (5) street improvement projects; namely North Crescent Avenue, North Bend Road, Vine Street at Forest/Woolper Intersection, Woodford Road and Werk Road; and two (2) bridge replacement projects; namely Dreman Avenue over West Fork Channel and North Bend Road over Millcreek; and one (1) bridge rehabilitation project; namely Beekman Street over Millcreek; and to accept such grants if awarded by the Ohio Public Works Commission.

Section 2. That the City Manger is hereby authorized to execute such agreements and other documents as are required by the State for receipt and administration of the above grants.

Section 3. This Ordinance shall take effect from and at the earliest period allowed by law.

Passed November 24 A.D., 1993

Mayor

Attest: Clerk

I HEREBY CERTIFY THAT ORDINANCE NO. 421
19 93 WAS PUBLISHED IN THE CITY BULLETIN
IN ACCORDANCE WITH THE CHARTER ON 12-7-93

Clerk of Council.

ADDITIONAL SUPPORT INFORMATION

For Program Year 1994 (July 1, 1994 through June 30, 1995), jurisdictions shall provide the following support information to help determine which projects will be funded. Information on this form must be accurate, and where called for, based on sound engineering principles. Documentation to substantiate the individual items may be required by the Support Staff if information does not appear to be accurate.

1) What is the condition of the existing infrastructure to be replaced, repaired, or expanded? For bridges, submit a copy of the current State form BR-86.

Closed _____ Poor __X__

Fair _____ Good _____

Give a brief statement of the nature of the deficiency of the present facility such as: inadequate load capacity (bridge); surface type and width; number of lanes; structural condition; substandard design elements such as berm width, grades, curves, sight distances, drainage structures, or inadequate service capacity. If known, give the approximate age of the infrastructure to be replaced, repaired, or expanded.

Reinforced concrete deck, beams and substructure is cracked, spalled and deteriorated. The horizontal and vertical alignments of the approach roadway is inadequate and will be corrected with this project. The Bridge was built in 1942 and is 51 years old.

2) If State Issue 2 funds are awarded, how soon (in weeks or months) after receiving the Project Agreement from OPWC (tentatively set for July 1, 1993) would the project be under contract? The Support Staff will be reviewing status reports of previous projects to help judge the accuracy of a particular jurisdiction's anticipated project schedule.

_____1_____ months

Are preliminary plans or engineering completed? (Yes) No

Are detailed construction plans completed? (Yes) No

Are all right-of-way and easements acquired? (Yes) No N/A

Are all utility coordinations completed? (Yes) No N/A

Give an estimate of time, in weeks or months, to complete any item above not yet completed. ___0_____ months

3) How will the proposed project impact the general health, safety and welfare of the service area? (Typical examples may include the effects of the completed project on accident rates, emergency response time, fire protection, health hazards, user benefits, and commerce.) Please be specific and provide documentation if necessary to substantiate the data.

The existing bridge and roadway is striped for two lanes. To improve safety, the proposed bridge and roadway will be striped for two through lanes and one turn lane.

4) What type of funds are to be utilized for the local share for this project?

Federal	X	ODOT	X	Local	
MRF		OWDA		CD	
Other					

Note: If MRF funds are being used for the local share, the MRF application must have been filed by August 1, 1992 for this project with the Hamilton County Engineer's Office.

The minimum amount of matching funds for grant projects (local share) must be at least 10% of the TOTAL CONSTRUCTION COST. What percentage of matching funds are being committed to this project?

75 %

5) Has any formal action by a federal, state, or local government agency resulted in a complete or partial ban of the use or expansion of use for the involved infrastructure? (Typical examples include weight limits, truck restrictions, and moratoriums or limitations on issuance of building permits.) A copy of the legislation must be submitted with the application. THE BAN MUST HAVE AN ENGINEERING JUSTIFICATION TO BE VALID.

Complete Ban _____ Partial Ban _____ No Ban X

Will the ban be removed after the project is completed?

Yes _____ No _____

6) What is the total number of existing users that will benefit as a result of the proposed project?

11,360

For roads and bridges, multiply current documented Average Daily Traffic by 1.20. For public transit, submit documentation substantiating the count. Where the facility currently has any restrictions or is partially closed, use documented traffic counts prior to the restriction. For storm sewers, sanitary sewers, water lines, and other related facilities, multiply the number of households in the service area by 4.

7) Has the jurisdiction developed a Five Year Capital Improvement Plan as required in O.R.C., chapter 164? (This must be included with the application to be considered for funding.)

Yes X No _____

8) Give a brief statement concerning the regional significance of the infrastructure to be replaced, repaired, or expanded.

Industrial traffic in the Mill Creek Valley utilizes the bridge. The bridge is located less than one mile from I-75.

8 3) If the project is built, what will be its effect on the facility's serviceability?

10 Points - Significant effect (e.g., widen to and add lanes along entire project)
8 Points - Moderate to significant effect
6 Points - Moderate effect (e.g., widen exist. lanes)
4 Points - Moderate to little effect
2 Points - Little or no effect (e.g., street or bridge deck rehabilitation)

6 4) How important is the project to HEALTH, SAFETY, AND WELFARE of the public and the citizens of the District and/or service area?

10 Points - Highly significant importance, with substantial impact on all 3 factors
8 Points - Considerably significant importance, with substantial impact on 2 factors OR noticeable impact on all 3 factors
6 Points - Moderate importance, with substantial impact on 1 factor or noticeable impact on 2 factors
4 Points - Minimal importance, with noticeable impact on 1 factor
2 Points - No measurable impact

6 5) What is the overall economic health of the jurisdiction?

10 Points - Poor
8 Points -
6 Points - Fair
4 Points -
2 Points - Excellent

5 6) What matching funds are being committed to the project, expressed as a percentage of the TOTAL CONSTRUCTION COST? Loan and Credit Enhancement projects automatically receive 5 points, and no match is required. All grant funded projects require a minimum of 10% matching funds.

5 Points - 50% or more
4 Points - 40% to 49.99%
3 Points - 30% to 39.99%
2 Points - 20% to 29.99%
1 Point - 10% to 19.99%

0 7) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure? POINTS MAY ONLY BE AWARDED IF THE END RESULT OF THE PROJECT WILL CAUSE THE BAN TO BE LIFTED.

5 Points - Complete or significant ban
3 Points - Partial or moderate ban
0 Points - No ban of any kind

5 8) What is the total number of existing daily users that will benefit as a result of the proposed project? Appropriate criteria include current traffic counts, households served, when converted to a measurement of persons. Public transit users are permitted to be counted for roads and bridges, but only when certifiable ridership figures are provided.

5 Points - 10,000 or more
4 Points - 7,500 to 9,999
3 Points - 5,000 to 7,499
2 Points - 2,500 to 4,999
1 Point - 2,499 and under

3 9) Does the infrastructure have REGIONAL impact? Consider origins and destinations of traffic, functional classification, size of service area, number of jurisdictions served, etc.

5 Points - Major impact (e.g., major multi-jurisdictional route, primary feed route to an Interstate, Federal - Aid Primary routes)
4 Points -
3 Points - Moderate impact (e.g., principal thoroughfares, Federal - Aid Urban routes)
2 Points -
1 Point - Minimal or no impact (e.g., cul-de-sacs, subdivision streets)

____ 10) Has the jurisdiction enacted the optional $5 license plate fee, an infrastructure levy, a user fee, or a dedicated tax for infrastructure?

2 Points - Two of the above
1 Point - One of the above
0 Points - None of the above

ADDENDUM TO THE RATING SYSTEM
DEFINITIONS

CRITERION 2 - CONDITION

Poor - Condition is dangerous, unsafe or unusable

Fair to Poor - Condition is inadequate or substandard

Fair - Condition is average, not good or poor

CRITERION 5 - ECONOMIC HEALTH

The following factors are used to determine economic health:

1) Median per capita income

2) Per capita assessed valuation of the total community real estate and personal property

3) Poverty indicators

4) Effective tax rates

5) Total corporate debt as a percentage of assessed valuation

6) Municipal revenues and expenditures per capita

CRITERION 9 - REGIONAL IMPACT

Major impact - Primary water or sewer main serving an entire system

Moderate impact - Waterline or storm sewer serving only part of a system

Minimal impact - Individual waterline or storm sewer not part of a system